Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 8733.160.20-US UTILITY First Inventor Yong-Wan Kim PATENT APPLICATION LIQUID CRYSTAL DISPLAY AND METHOD FOR TRANSMITTAL Title REMOVING PATTERN DEFECTS (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. MS Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Computer Program (Appendix)

Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. See 37 CFR 1.27. (if applicable, all necessary) Х Specification [Total Pages 18 Computer Readable Form (CRF) a. (preferred arrangement set forth below) b. Specification Sequence Listing on: Descriptive title of the invention
 Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or Paper - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, Statements verifying identity of above copies C. or a computer program listing appendix Background of the Invention
 Brief Summary of the Invention **ACCOMPANYING APPLICATIONS PARTS** 9. Assignment Papers (cover sheet & document(s)) Brief Description of the Drawings (if filed)
Detailed Description 37 CFR 3.73(b) Statement - Claim(s) 10. (when there is an assignee) Attorney - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) (Total Sheets 8 11 English Translation Document (if applicable) Information Disclosure Copies of IDS 12. 5. Oath or Declaration [Total Sheets Statement (IDS)/PTO-1449 Newly executed (original or copy) 13. Preliminary Amendment Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) Х 14. (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) 15. **DELETION OF INVENTOR(S)** (if foreign priority is claimed) Signed statement attached deleting inventor(s) named in the prior application, Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). 16. Applicant must attach form PTO/SB/35 or its equivalent. see 37 CFR 1.63(d)(2) and 1.33(b). Check for \$750.00 17. Other: Request for Priority Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Х Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/468,354 Andrew M. Schechter Prior application information: Examiner Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label or X Correspondence address below MCKENNA LONG & ALDRIDGE LLP Name Song K. Jung Address 1900 K Street, N.W. City Washington DC Zip Code | 20006 State Country US Telephone (202) 496-7500 (202) 496-7756 Rebecca Goldman Rudich Name (Print/Type) Registration No. (Attorney/Agent) 41,786

Signature



July 11, 2003

Date

PATENT TRADEMARK OFFICE -

PTO/SB/17 (05-03) Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.									
	Complete if Known								
FEE TRANSMITTAL		Application Number			er	TBA			
for FY 2003		Filing Date			July 11, 2003				
Effective 01/01/2003, Patent fees are subject to annual revision.	Į.				Yong-Wan KIM				
	[Examiner Name				Not Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27		Art Unit				N/A			
TOTAL AMOUNT OF PAYMENT (\$) 750.00		Attorney Docket No.			o	8733.160.20-US			
METHOD OF PAYMENT (check all that apply)	FEE CALC				CALCUI	JLATION (continued)			
X Check Credit Money Other None Deposit Account	3. ADDITIONAL FEES				,				
Deposit 50 0011		Fee Fee Fee Fee							
Account 50-0911	Code	(\$)	Code	(\$)		Fee Desc	cription	Fee Paid	
Deposit Account McKenna Long & Aldridge LLP	1051	130	2051	65	Surcharge	- late filing fe	e or oath		
Name	1052	50	2052	25	Surcharge – late provisional filing fee or cover				
The Director is hereby authorized to: (check all that apply)					sheet.				
Charge fee(s) indicated below X Credit any overpayments Charge any additional fee(s) during the pendency of this	1053	130	1053	130	•	sh specificatio			
application	1812	2,520	1812		•		parte reexamination		
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920°	Requesting publication of SIR prior to Examiner action				
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
FEE CALCULATION	1251	110	2251	55		for reply within			
1. BASIC FILING FEE	1252	410	2252	205			n second month		
Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid	1253 1254	930 1,450	2253	465 725		for reply within	n third month		
Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee 750.00	1254		2254						
1001 750 2001 375 Utility filing fee 750.00 1002 330 2002 165 Design filing fee	1401	1,970 320	2401	985 160	Notice of A	for reply within	a mu monu		
1003 520 2003 260 Plant filing fee	1402	320	2402	160		ef in support o	of an appeal		
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request fo	r oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	-		•	lic use proceeding		
SUBTOTAL (1) (\$) 750.00	1452 1453	110 1,300	2452 2453	55 650		revive – unavi revive – uninti			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650		e fee (or reiss			
Extra Fee from	1502	470	2502	235	Design issue fee Plant issue fee				
Total Claims 3 -20** = 0 x = 0.00	1503	630	2503	315					
Independent 2 -3** = 0 x = 0.00	1460	130	1460	130	Petitions to the Commissioner				
Claims 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt				
Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)				
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a sul	bmission after	final rejection		
1201 84 2201 42 Independent claims in excess of 3	ļ			375	(37 CFR 1. For each a	. i 29(a)) idditional inve	ntion to be	 i	
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810		examined (37CFR 1.129(b))				
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	Request for Continued Examination (RCE) Request for expedited examination				
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		of a design application							
		Other fee (specify)							
**or number previously paid, if greater; For Reissues, see above	-Kedu	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)							
SUBMITTED BY Complete (if applicable)									
Name (Print/Type) Rebeçca Goldman Rudich	Registration No. 41,786					T	hone (202) 496-7463		
The Idea I	(Attorney/Agent) 41,700						- 		
Signature Date July 11, 2003									
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